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## **DECLARATION FOR PATENT APPLICATION**

As a believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### 28 Human Secreted Proteins

the specification of which was filed on May 11, 2001 as Application Serial No. 09/852,797.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Applica	tion(s):		Priority C	Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

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1.	02-Feb-2001	60/265,583
2.	14-Mar-1997	60/040,762
3.	14-Mar-1997	60/040,710
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Full name of additional first	joint inventor:	Steven M. Ruben		
	ge Hills Drive, Olney, me as above	MD 20832	Date: Citizenship:	US
Full name of additional joint  Inventor's signature:  Residence: 22400 Rolling	inventor: <u>Crai</u>	g <b>A. Rosen</b> ille, MD 20882	Date: 9/8/	US
Full name of additional joint	inventor: Yi L	i		
Inventor's signature: Residence: 990-6 Alpine Terr Post Office Address: sar	race, Sunnyvale, CA 9 ne as above	4086	Date: Citizenship:	CN
Full name of additional joint	inventor: Zhiz	nen Zeng		
Inventor's signature:			Date:	
Residence: 410 Shipwrighter Post Office Address: sar	Way, Lansdale, PA 19 ne as above	)446(	Citizenship:	CN

Full name of additional	joint inventor:	Hla Kyaw		
Inventor's signature:			Date:	
Residence: 520 Sugarbu	sh Circle Frederick	MD 21703	Citizenship:	Myanma
Post Office Address:	same as above	1112 21703	, Omzonsinp.	
Full name of additional	joint inventor:	Carrie L. Fischer		
Inventor's signature:	(auis )	5. Tischer	Date: <u>(/</u> _ Citizenship:	19,04,01
Residence: 5810 Ha	Il Street, Burke, Virg	ginia 22015	Citizenship:	US
Post Office Address:	same as above			
Full name of additional	joint inventor:	Haodong Li		
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Residence: 11033 R	utledge Drive, Gaith	ersburg, MD 20878	Citizenship:	CN
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Full name of additional j	joint inventor:	Daniel R. Soppet		· · · · · · · · · · · · · · · · · · ·
Inventor's signature:			Date:	
	tillfield Place, Centr	eville, VA 20120	Citizenship:	US
Post Office Address:	same as above			
Full name of additional j	joint inventor:	Reiner L. Gentz		
Inventor's signature:	Remi	leus	Date: 5	3/20/01
Residence: 13608 M	ount Prospect Drive	, Rockville, MD 20850	Citizenship:	DE
Post Office Address:	same as above		-	
Full name of additional j	oint inventor:	Ying-Fei Wei		
Inventor's signature:			Date:	
<u> </u>	att Drive, Berkeley,	CA 94705	Citizenship:	CN
Post Office Address:	same as above	11-11-	_ · · · · · · · · · · · · · · · · · · ·	
Full name of additional j	oint inventor:	Paul A. Moore		
Inventor's signature:	Pau A. Mo	OH	Date:	8/30/01
_		rmantown, MD 20874	Citizenship:	GB
Post Office Address:	same as above		_	

Full name of additional joint inventor: Paul E. Young Inventor's signature: Date: Residence: 122 Beckwith Street, Gaithersburg, MD 20878 Citizenship: US Post Office Address: same as above Full name of additional joint inventor: John M. Greene Inventor's signature: Date: 872 Diamond Drive Gaithersburg, MD 20878 Residence: Citizenship: US Post Office Address: same as above Full name of additional joint inventor: Ann M. Ferrie Inventor's signature: Date: Residence: 120 Fox Run Drive Tewksbury, MA 01876 Citizenship: US Post Office Address: same as above

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Post Office Address: same as above	e, CA 34080 Citizenship. Civ
Full name of additional joint inventor:  Inventor's signature:	Zhizhen Zeng  Date:
Residence: 410 Shipwrighter Way, Lansdal	
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Full name of additional joint inventor: Zhizh	en Zeng
Inventor's signature:	Date: 09-06-20
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Post Office Address: same as above	i, WD 21703	Citizenship.	Iviyaiiiiai
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Full name of additional joint inventor:	Carrie L. Fischer		
Inventor's signature:		Date:	
Residence: 5810 Hall Street, Burke, Vin	rginia 22015	Citizenship:	US
Post Office Address: same as above		-	
Full name of additional joint inventor:	Haodong Li		
Inventor's signature:		Date: <u>0</u>	9/01/0
Residence: 11033 Rutledge Drive, Gait	hersburg, MD 20878	Citizenship:	CN
Post Office Address: same as above			
Inventor's signature:  Residence: 15050 Stillfield Place, Cent Post Office Address: same as above	treville, VA 20120	Date: Citizenship:	US
Full name of additional joint inventor:	Reiner L. Gentz		
Inventor's signature:		Date:	
Residence: 13608 Mount Prospect Driv	e, Rockville, MD 20850	Citizenship:	DE
Post Office Address: same as above			
Full name of additional joint inventor:	Ying-Fei Wei		·
Inventor's signature:		Date:	
Residence: 242 Gravatt Drive, Berkeley	, CA 94705	Citizenship:	CN
Post Office Address: same as above		<del>-</del>	
Full name of additional joint inventor:	Paul A. Moore	-1	
Inventor's signature:		Date:	
Residence: 19005 Leatherbark Drive Ge	ermantown, MD 20874	Citizenship:	GB
Post Office Address: same as above		P'	

Full name of additional joint invent	or: Paul E. Young		
Inventor's signature:		Date:	
Residence: 122 Beckwith Street.	Gaithersburg, MD 20878	Citizenship:	US
	s above		
Full name of additional joint invent	or: John M. Greene		<del></del>
Inventor's signature:		Date:	
Residence: 872 Diamond Drive	Gaithersburg, MD 20878	Citizenship:	US
Post Office Address: same as a			
Full name of additional joint invent	or: Ann M. Ferrie		
Inventor's signature:		Date:	
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### **DECLARATION FOR PATENT APPLICATION**

As a below hamed inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### 28 Human Secreted Proteins

the specification of which was filed on May 11, 2001 as Application Serial No. 09/852,797.

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Prior Foreign Application(s	5):		Priority	Claimed
			Yes	No
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Full name of additional first joint inventor:	Steven M. Rul	en	
Inventor's signature:		Date:	
Residence: 18528 Heritage Hills Drive, Oli	nev. MD 20832	Citizenship:	US
Post Office Address: same as above		F	
Full name of additional joint inventor:	Craig A. Rosen		
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Residence: 22400 Rolling Hills Lane, Layto	onsville, MD 20882	Citizenship:	US
Post Office Address: same as above		_	
Full name of additional joint inventor:  Inventor's signature:	Yi Li	Date:	
Residence: 990-6 Alpine Terrace, Sunnyvale, C	CA 94086	Citizenship:	CN
Post Office Address: same as above		<u> </u>	
Full name of additional joint inventor: 2	Zhizhen Zeng	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Inventor's signature:		Date:	_
Residence: 410 Shipwrighter Way, Lansdale, P.	A 19446	Citizenship:	CN
Post Office Address: same as above		· · · · · · · · · · · · · · · · · · ·	

Full name of additional joint inventor:	Hla Kyaw		
Inventor's signature:		Date:	
Residence: 520 Sugarbush Circle Frederic	k MD 21703	Citizenship:	Myanmar
Post Office Address: same as above	K, WID 21703	Citizensinp.	TVIYAIIIIAI
1 ost Office Address. Same as above			
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Post Office Address: same as above		1	
Inventor's signature:  Residence: 15050 Stillfield Place, Cere Post Office Address: same as above	ntreville, VA 20120	Date:	US
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Inventor's signature:		Date:	
Residence: 13608 Mount Prospect Driv	ve, Rockville, MD 20850	_ Citizenship:	DE
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Steven M. Ruben
Date:
, MD 20832 Citizenship: US
ig A. Rosen
Date:
ville, MD 20882 Citizenship: US
Li Date:
94086 Citizenship: CN
zhen Zeng
Date:
9446 Citizenship: CN

Full name of additional joint inventor:	Hla Kyaw		
Inventor's signature:	,	Date:	
Residence: 520 Sugarbush Circle Frederick,	MD 21703	Citizenship:	Myanmar
Post Office Address: same as above	WID 21703	Citizensinp.	iviyamma
Fost Office Address. Same as above		· · · · · · · · · · · · · · · · · · ·	<u> </u>
Full name of additional joint inventor:	Carrie L. Fischer		
Inventor's signature:		Date:	
Residence: 5810 Hall Street, Burke, Vir	ginia 22015	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Haodong Li		
Inventor's signature:		Date:	·
Residence: 11033 Rutledge Drive, Gaith	nersburg, MD 20878	Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	Daniel R. Soppet		
Inventor's signature:		Date:	
Residence: 15050 Stillfield Place, Cent	reville, VA 20120	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Reiner L. Gentz		
Inventor's signature:		Date:	
Residence: 13608 Mount Prospect Drive	e, Rockville, MD 20850	_ Citizenship:	_DE
Post Office Address: same as above			
Full name of additional joint inventor:	Ying-Fei Wei		•
1/h / 1	1		2/1/
Inventor's signature: $(//(\mu / 1))$		Date:	9/4/01
Residence: 242 Gravatt Drive, Berkeley	, CA 94705	Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	Paul A. Moore		
Inventor's signature:		Date:	
Residence: 19005 Leatherbark Drive Ge	ermantown, MD 20874	Citizenship:	GB
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Full name of additional joint inventor	r: Paul E. Young		
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Residence: 122 Beckwith Street, C	Gaithersburg, MD 20878	Citizenship:	US
Post Office Address: same as	above		
Full name of additional joint inventor	r: John M. Greene		
Inventor's signature:		Date:	
Residence: 872 Diamond Drive G	aithersburg, MD 20878	Citizenship:	US
Post Office Address: same as abo	ove		
Full name of additional joint inventor	r: Ann M. Ferrie		
Inventor's signature:		Date:	
Residence: 120 Fox Run Drive Te	wksbury, MA 01876	Citizenship:	US
Post Office Address: same as	above	<del></del>	

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# DECLARATION FOR PATENT APPLICATION

As a below hand inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### 28 Human Secreted Proteins

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Full name of additional first joint inventor:	Steven M. Rub	en	
Inventor's signature:		Date:	
Residence: 18528 Heritage Hills Drive, C	Olney, MD 20832	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
Residence: 22400 Rolling Hills Lane, Lay	tonsville, MD 20882	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:  Inventor's signature:	Yi Li	Date:	
Residence: 990-6 Alpine Terrace, Sunnyvale,	CA 94086	Citizenship:	CN
Post Office Address: same as above			
Full name of additional joint inventor:	Zhizhen Zeng	···	
Inventor's signature:		Date:	
Residence: 410 Shipwrighter Way, Lansdale,	PA 19446	Citizenship:	CN
Post Office Address: same as above			

Full name of additional	joint inventor:	Hla Kyaw	· · · · · · · · · · · · · · · · · · ·	
Inventor's signature:			Date:	
Residence: 520 Sugarbi	ısh Circle Frederick	MD 21703	Citizenship:	Myanma
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1 ost office / iddress.	Surie as above			
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Post Office Address:	same as above			
Full name of additional	joint inventor:	Ying-Fei Wei		
Inventor's signature:		-	Date:	-
	att Drive, Berkeley	, CA 94705	_ Citizenship:	CN
Post Office Address:	same as above			
Full name of additional	joint inventor:	Paul A. Moore		77.440
Inventor's signature:			Date:	
Residence: 19005 Le	eatherbark Drive Ge	ermantown, MD 20874	Citizenship:	GB
Post Office Address:	same as above		-	

Full name of additional joint inventor: Paul E. Young	
Inventor's signature:  Residence: 122 Beckwith Street, Gaithersburg, MD 2087  Post Office Address: same as above	Date: 10/2/0/ Citizenship: US
Full name of additional joint inventor:  John M. Gree	ne
Inventor's signature:	Date:
Residence: 872 Diamond Drive Gaithersburg, MD 20878	Citizenship: US
Post Office Address: same as above	
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Full name of add	litional fi	rst joint inventor:	Steven M. Ru	ben	
Inventor's signatu	re:			Date:	
		eritage Hills Drive,	Olney, MD 20832	Citizenship:	US
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Full name of add	litional jo	oint inventor:	Craig A. Rosen		
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### 28 Human Secreted Proteins

the specification of which was filed on May 11, 2001 as Application Serial No. 09/852,797.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	(s):		Priority C	Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date	Appln Number
1.	02-Feb-2001	60/265,583
2.	14-Mar-1997	60/040,762
3.	14-Mar-1997	60/040,710
4.	30-May-1997	60/050,934
5.	30-May-1997	60/048,100
6.	30-May-1997	60/048,357
7.	30-May-1997	60/048,189
8.	05-Sep-1997	60/057,765
9.	06-Jun-1997	60/048,970
10	19-Dec-1997	60/068,368

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(b) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as

09/152,060	11 September 1998	Pending
(Application Serial No.	(Filing Date)	(Status: patented, pending, abandoned)
PCT/US98/04858	12 March 1998	Pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: James H. Davis (Reg. No. 40,582), Kenley Hoover (Reg. No. 40,302), Joseph Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), Michele Wales (Reg. No. 43,975) and Mark J. Hyman (Reg. No. 46,789) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the application of:

Ruben et al.

Serial Number: 09/852,797

Group Art Unit: 1653

Filed: May 11, 2001

Examiner: Unassigned

For: 28 Human Secreted Proteins

Attorney Docket: PZ003P2

### **ASSOCIATE POWER OF ATTORNEY**

Commissioner for Patents Washington, D.C. 20231

Sir:

Applicants' attorney hereby appoints all Practitioners at Customer Number 22195 as its attorneys or agents with full power of substitution, association, and revocation to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Applicants' attorney also requests that the correspondence address remain the same.

Respectfully submitted,

Dated: Narmber 14 2001

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